

into repeat sequence designations. As can be seen, sequence 502 SEQ ID NOS: 1, 7, 9, 3, 9, 6, 9, 5, 9, 8 is identical to sequence 500 SEQ ID NOS: 1, 7, 9, 4, 9, 6, 9, 5, 9, 8 with the exception that the fourth cassette 'E' in sequence 500 has been replaced by a 'B'.

Page 35, first paragraph starting at line 1

Comparing sequences 504 SEQ ID NOS: 1, 7, 9, 4, 1, 6, 9, 5, 8 and 500: one 'M' cassette in sequence 500 has changed to a 'T' cassette in sequence 504, and one 'M' cassette in sequence 500 has been deleted. Thus, there are two discrete events separating sequences 504 and 500.

Page 35, second paragraph starting at line 4

Comparing sequences 506 SEQ ID NOS: 1, 7, 9, 3, 9, 6, 9, 5, 5, 9, 8 and 500: one 'E' cassette in sequence 500 has changed to a 'B' cassette in sequence 506. So sequences 500 and 506 are separated by two discrete events.

### **REMARKS**

In response to the Election Requirement issued October 23, 2001, Applicants elect species 1, claims 1, 5-9, 13-20, and 28-30 characterized by the Examiner as reciting "a method of sequencing of specified region of a nucleic acid."

Additionally, in response to the Sequence Non-compliance Notice included with the

Election Requirement, Applicants submit herewith a Substitute Sequence Listing and computer readable form of sequence listing, as well as an amendment to the specification to add the sequence ID numbers.

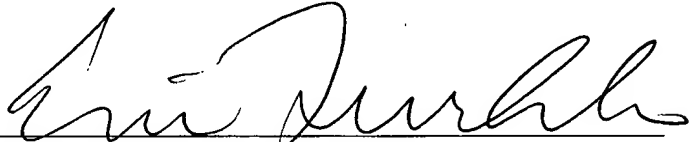
In the event that the Examiner believes that an interview would serve to facilitate the prosecution of this application, Applicant respectfully urges the Examiner to contact the undersigned at the telephone number listed below.

The undersigned hereby authorizes the Commissioner to charge any insufficient fees or credit any overpayment associated with this communication to deposit account no. 19-5127.

Respectfully submitted,

Date: \_\_\_\_\_

12-19-01



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